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FIELD SERVICES
DRINKING WATER PROGRAM

SPECIAL BOARD MEETING
OF THE
PLEASANT VALLEY WATER COMPANY

A special Board Meeting was called Thursday, December 14, 1995, at 7:00 p.m., to review a draft containing backflow prevention language to be incorporated into the Bylaws.

Board members present were Greg Hurliman, Brad Pierce, Michele Sandifur and Del Schultz. Also present were Gene Cox and Vaud Sutherland.

Once the adopted draft was carefully reviewed by the Board, a motion was made by Del Schultz to authorize President Hurliman to sign Rules and Regulations Regarding Cross-Connections as written. Motion was seconded by Brad Pierce, motion carried. Attorneys to submit two copies of approved draft to the State of Oregon.

Meeting adjourned at 8:00 p.m.

Respectfully submitted by Ruth Larsen.



Secretary/Treasurer

1-24-96
Date

8/30/95

PLEASANT VALLEY WATER COMPANY
P O BOX 538
TILLAMOOK OR 97141

TO PROVIDE A JOB DESCRIPTION AS I PREVIOUSLY OFFERED ON 10/13/92 WHICH WE HAVE WORKED UNDER.

I WILL CERTIFY THE WATER SYSTEM.

I WILL WORK WITH THE MAINTENANCE CREW AS I AM NOW.

I WILL ATTEND BOARD MEETINGS WHEN POSSIBLE.

I WILL ACT AS A CONSULTANT ON A DAILY BASIS.

I WILL ACT AS THE CONTRACTOR IN FINDING THE SUBCONTRACTORS FOR ALL REPAIRS, INSTALLATIONS AND MAINTENANCE OF THE SYSTEM.

I WILL WORK DIRECTLY WITH THE MAINTENANCE PERSON TO ACCOMPLISH OUR WORK.

I WILL PROVIDE WHAT ENGINEERING I AM CAPABLE OF, UNDER MY CERTIFICATION.

I HAVE ASKED FOR A FEE OF \$200.00 PER MONTH FOR THE CERTIFICATION OF THE SYSTEM. IF I HAVE A LOT OF TIME, LABOR OR OUT OF POCKET EXPENSES, SUCH AS TELEPHONE COSTS, OR MILEAGE, I WILL CHARGE EXTRA FOR MY TIME AND EXPENSES.

I WILL WORK WITH THE BOARD OF DIRECTORS OF PLEASANT VALLEY WATER COMPANY FOR THE NEXT FIVE YEARS.

EUGENE L. COX
9250 SOUTH PRAIRIE ROAD
TILLAMOOK OR 97141

**RULES AND REGULATIONS OF THE
PLEASANT VALLEY WATER COMPANY
REGARDING CROSS CONNECTIONS**

Section 1. Cross Connection Control - General Policy.

1.1 **Purpose.** The purpose of these rules and regulations are:

1.1.1 To protect the public potable water supply of the Pleasant Valley Water Company ("COMPANY") from the possibility of contamination or pollution by isolating within its customers' internal distribution system(s) or its customers' private water system(s) such contaminants or pollutants which could back flow or back-siphon into the public water supply system; and,

1.1.2 To provide for the maintenance of a continuing program of cross connection control which will systematically and effectively prevent the contamination or pollution of all potable water systems.

1.2 **Responsibility.** The COMPANY shall be responsible for the protection of the public potable water distribution system from contamination or pollution due to the back flow or back-siphonage of contaminants or pollutants through the water service connection. If, in the judgment of the COMPANY, an approved back flow prevention device is required at the COMPANY'S water service connection to any customer's premises for the safety of the water system, the COMPANY or its designated agent shall give notice, in writing, to said customer to install such an approved back flow prevention device at each service connection to his premises. The customer shall immediately install such approved device or devices at his own expense; and failure, refusal or inability on the part of the customer to install said device or devices immediately shall constitute a ground for discontinuing water service to the premises until such device or devices have been properly installed.

Section 2. Definitions.

2.1 **Back flow.** The flow of water or other liquids, mixtures or substances under pressure into the distributing pipes of a potable water supply system from any source other than its

intended source caused by the sudden reduction of pressure in the potable water supply system.

2.2 **Back-Siphonage.** The flow of water or other liquids, mixtures or substances into the distributing pipes of a potable water supply system from any source other than its intended source caused by the sudden reduction of pressure in the potable water supply system.

2.3 **Back flow Preventer.** A device or means designated to prevent back flow or back-siphonage.

2.3.1 **Air-Gap.** The unobstructed vertical distance through the free atmosphere between the lowest opening from any pipe or faucet supplying water to a tank, plumbing fixture, or other device and the flood level rim of said vessel. An approved air-gap shall be at least double the diameter of the supply pipe, measured vertically, above the top of the rim of the vessel; and, in no case less than one inch. When an air-gap is used at the service connection to prevent the contamination or pollution of the public potable water system, an emergency by-pass shall be installed around the air-gap system and an approved reduced pressure principle device shall be installed in the by-pass system.

2.3.2 **Reduced Pressure Principle Device.** An assembly of two independently operating approved check valves with an automatically operating differential relief valve between the two check valves, tightly closing shut-off valves on either side of facilities of the water system under the complete control of the utility, up to the point where the customer's system begins.

2.3.3 **Source.** The source shall include all components of the facilities utilized in the production, treatment, storage, and delivery of water to the distribution system.

2.3.4 **Distribution System.** The distribution system shall include the network of conduits used for the delivery of water from the source to the customer's system.

2.3.5 **Customer's System.** The customer's system shall include those parts of the facilities beyond the termination of the utility distribution system which are utilized in conveying utility-delivered domestic water to points of use.

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Section 3. Policy.

3.1.1 No water service connection to any premises shall be installed or maintained by the Water Purveyor unless the water supply is protected as required by state laws and regulations, including OAR 333-61-070, and this ordinance. Service of water to any premises shall be discontinued by the Water Purveyor if a back flow prevention device required by this ordinance is not installed, tested and maintained, or if it is found that a back flow prevention device has been removed, by-passed, or if an unprotected cross-connection exists on the premises. Service will not be restored until such conditions or defects are corrected.

3.1.2 The customer's system should be open for inspection at all reasonable times to authorized representatives of the COMPANY to determine whether cross connections or other structural or sanitary hazards, including violations of these regulations, exist. When such a condition becomes known, the COMPANY'S designated agent shall deny or immediately discontinue service to the premises by providing for a physical break in the service line until the customer has corrected the condition(s) in conformance with State statutes relating to plumbing and water supplies and the regulations adopted pursuant thereto.

3.1.3 An approved back flow prevention device shall also be installed on each service line to a customer's water system at or near the property line or immediately inside the building being served; but, in all cases, before the first branch line leading off the service line wherever the following conditions exist:

(a) There is an auxiliary water supply which is, or can be, connected to the potable water piping;

(b) There is piping for conveying liquids other than potable water, and where that piping is under pressure and is installed and operated in a manner which could cause a cross connection;

(c) There is intricate plumbing which makes it impractical to ascertain whether or not cross connections exist;

(d) There is back siphonage potential.

3.1.4 The type of protective device required under subsections 3.1.3 (a), (b), (c) and (d) shall depend upon the degree of hazard which exists as follows:

(a) An approved air gap of at least twice the inside diameter; but not less than one inch, of the incoming supply line measured vertically above the top rim of the vessel, or an approved reduced pressure (RP) device shall be installed where the substance which could back flow is hazardous to health, e.g., sewage treatment plants, sewage pumping stations, chemical manufacturing plants, plating plants, hospitals, mortuaries, car washes, medical clinics;

(b) An approved double check valve assembly shall be installed where the substance which could back flow is objectionable but does not pose an unreasonable risk to health;

(c) An approved pressure vacuum breaker or an atmospheric vacuum breaker shall be installed where the substance which could back flow is objectionable but does not pose an unreasonable risk to health and where there is no possibility of back pressure in the downstream piping. A shutoff valve may be installed on the line downstream of a pressure vacuum breaker but shall not be installed downstream of an atmospheric vacuum breaker.

3.1.5 Any back flow prevention device required herein shall be of a type and model approved by the State of Oregon.

3.1.6 It shall be the duty of the customer-user at any premise where back flow prevention devices are installed to have certified inspections and operational tests made at least once per year. In those instances where the COMPANY'S designated agent deems the hazard to be great enough he may require certified inspections at more frequent intervals. These inspections and tests shall be at the expense of the water user and shall be performed by the device manufacturer's representative, by COMPANY'S personnel, or by a certified tester approved by the COMPANY. The COMPANY shall maintain a current list of individuals who are certified. It shall be the duty of the COMPANY to see that these timely tests are made. The customer-user shall notify the COMPANY in advance when the tests are to be undertaken so that he or his representative may witness the tests if so desired. These devices shall be repaired, overhauled or replaced at the expense of the customer-user whenever said devices are found to be defective. Copies of records of such tests, repairs and overhaul shall be mailed to the COMPANY within three days of the test.

3.1.7 All presently installed back flow prevention devices which do not meet the requirements of this section but where approved devices for the purposes described herein at the time of installation and which have been properly maintained, shall, except for the inspection and maintenance requirements under subsection 3.1.6, be excluded from the requirements of these rules so long as the COMPANY is assured that they will satisfactorily protect the utility system. Whenever the existing device is moved from the present location or requires more than minimum maintenance or when the COMPANY finds that the maintenance constitutes a hazard to health, the unit shall be replaced by a back flow prevention device meeting the requirements of this section.

Section 4. Remedies.

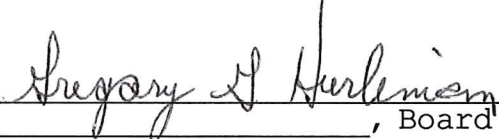
4.1 Failure to comply with the provisions of these rules and regulations within seven (7) days of the postmark date of a notice of violation shall constitute sufficient cause for the COMPANY to seek the following remedies:

4.1.1 The COMPANY may shut off water services to the property.

4.1.2 The notice given by the COMPANY to the property owner informing him/her of the rule violation must contain the name of the owner of the property, the address of the property, and the date of the notice.

4.1.3 The property owner shall have the right to a hearing before the COMPANY'S Board of Directors to establish compliance with this rule. In the event the property owner delivers his written request for such a hearing prior to the shutting off of water service, then, service shall remain on until the hearing is held and a written decision is made and mailed to the property owner.

Passed by the Board of Directors of the Pleasant Valley Water Company this 14 day of December, 1995.


_____, Board President